



Water Section

Green & Healthy Schools Assessment

Water is Wisconsin's most precious natural resource, and though we appear to have an abundance of water, we cannot be complacent about how we use and manage it. The growing demand for groundwater is depleting aquifers and affecting water quality in some areas, raising concerns about the potential impacts on public health and surface water resources. This section will help you identify current water use practices in your school, and start you thinking about how you can modify these practices to conserve water and maintain public health.

School Name: _____

Date: _____

Conducted By:

A. School Buildings

1. What is the source of your school's water supply?
☐ Municipal water supply
☐ School has own well
2. If your water comes from a municipal supply, what is its source?
☐ Well (groundwater)
☐ Lake (surface water)
3. If your water comes from a municipal supply, what did your school pay last year for water?
Last year \$ _____
4. Using information from water bills or in-school water meters, how much water did your school use last year? (provide both; 1 cubic foot = 7.48 gallons)
 _____ cubic feet
 _____ gallons
5. If your drinking water comes from the school's private well, who does the water sampling?

- Is that person a certified operator? ☐ Yes ☐ No
6. If your drinking water comes from the school's private well, is it metered so that the amount used can be monitored? ☐ Yes ☐ No

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7. Is your drinking water tested for chemical contaminants and bacteria*?

Chemical Contaminants

☐ Yes ☐ No

Bacteria

☐ Yes ☐ No

Find out what contaminants are sampled and list them below.

8. Does your water contain fluoride? ☐ Yes ☐ No
If no, does your school have a fluoride rinse or tablet program? ☐ Yes ☐ No

9. Is all ice used for consumption only made from drinking water as defined by Administrative Code NR 809? ☐ Yes ☐ No

Note: If ice has been in contact with food or used to keep food cool, it may not be used for consumption.

10. Where does water used in your school go?

☐ Municipal sewer system. Name: _____

☐ On-site septic system and drainage field

11. Does your school have a plan to deal with chemical spills that may travel down floor drains into the public sewerage system? ☐ Yes ☐ No

12. Does your school have a program to encourage frequent hand washing**? ☐ Yes ☐ No

13. Does your school have time built into the schedule for washing hands prior to food consumption? ☐ Yes ☐ No

14. Does your school maintain adequate supplies for hand washing? ☐ Yes ☐ No

* Use the community's Consumer Confidence Report (CCR, available from your water utility or the DNR's web site [http://prodmtext00.dnr.state.wi.us/pls/inter1/pws2\\$.startup](http://prodmtext00.dnr.state.wi.us/pls/inter1/pws2$.startup)) if available. All municipal water sources and some private well sources should have a CCR. Schools with private wells that do not have a CCR will need to ask school staff who tests their water supply.

** Hand washing is the number one disease prevention practice.

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15. How many water-using devices does your school have? Place the number of each device found at each location on the chart below, and after that number, indicate the number that are leaking in parentheses. Example: Bathroom A has 10 faucets (10 handles – 5 for hot & 5 for cold) and two are leaking – write 10(2). For drains, indicate the number of floor drains found in each area.

Location	Faucets			Toilets		Water Fountains	Showers		Floor Drains	Other (name)
	A ¹	S ²	Manual ³	S ²	Manual ³		A ¹	Manual ³		
Classrooms										
Bathroom 1										
Bathroom 2										
Bathroom 3										
Bathroom 4										
Bathroom 5										
Bathroom 6										
Locker Room 1										
Locker Room 2										
Nurses Office										
Science 1										
Science 2										
Science 3										
Science 4										
Art										
Ag/Tech Ed										
Consumer Ed										
Custodial 1										
Custodial 2										
Custodial 3										
Cafeteria										
Teacher Prep Room										
Other:										

¹ Automatic = Equipment that must be turned on manually but turn off automatically or on a timer.

² Sensors = Equipment that turns on and off based on movement of person using the equipment.

³ Manual = Equipment that must be physically be turned on and off by user.

16. On average, how much water do the school's toilets use per flush?

- ☐ >3 gallons
☐ 2-3 gallons
☐ 1-2 gallons
☐ <1 gallon

17. How many hot water heaters does your school have? _____

18. What type(s) of energy is used to heat the school's hot water?

- ☐ Natural gas
☐ Propane
☐ Electricity
☐ Other: _____

19. Are there any booster heaters located near appliances that use a lot of hot water?
☐ Yes ☐ No
20. Does your school have any “on demand” (water that is heated as it is being used, no storage of hot water) hot water systems?
☐ Yes ☐ No
If yes, where are they located? _____
21. Are there any re-circulation pumps for rooms that are located a long distance from the water heater?
☐ Yes ☐ No
22. Are any of the water pipes in your school insulated?
☐ Yes ☐ No
23. Does your school have a swimming pool?
☐ Yes ☐ No
If yes, answer the following:
- a. Does your pool have a pool cover that is used?
☐ Yes ☐ No
- b. How do pool staff clean the pools filters?
☐ Back wash ☐ Manually clean
- c. How often are pool chemical levels checked to insure that a proper balance is maintained?
☐ Daily ☐ Bi-weekly
☐ Weekly ☐ Monthly

B. School Grounds

1. How many water faucets are located outside of the school building? _____
2. How many of those are leaking? _____
3. How many have been secured so that only school staff may turn them on or off?

4. Do school staff use hoses to wash sidewalks and parking areas?
☐ Yes ☐ No
5. Does your school building have gutters and/or down spouts?
☐ Yes ☐ No
6. Where does water that runs off the school’s roof, parking lots and grounds go?
☐ Storm Drain ☐ Retention pond
☐ Recessed grassy areas ☐ Drainage ditch
☐ Rain Garden ☐ Natural pond, stream or wetland

7. Does your school have a plan for managing and reducing runoff from school grounds?

☐ Yes ☐ No

8. Does your school have any outdoor fountains or artificial waterfalls?

☐ Yes ☐ No

If yes, answer the following:

- a. Are they turned off in the evening?

☐ Yes ☐ No

- b. Are they turned off in very hot weather?

☐ Yes ☐ No

- c. Do they re-circulate water ?

☐ Yes ☐ No

- d. Who maintains them? _____

Watering lawns. To reduce duplication of effort, please use the answers in the School Site and Facilities section of the Green & Healthy Schools Assessment for Section B. a. Lawns

Watering athletic fields. To reduce duplication of effort, please use the answers in School Site and Facilities section of the Green & Healthy Schools Assessment for Section B. c. Athletic fields.

C. Curriculum and Community

1. Is water conservation part of your school's curriculum? ☐ Yes ☐ No

If yes, in what grades is it taught? _____

2. Has your school staff recently participated in any staff development programs for water education? ☐ Yes ☐ No

3. Is the importance of hand washing taught in your school? ☐ Yes ☐ No

4. Does your school participate in any water projects that benefit the community?

☐ Yes ☐ No

If yes, what are they? _____

5. Some water management facilities can be used as educational resources. Which are found in your community?

Pumping station Yes _____ No _____; Location: _____

Drinking water treatment plant Yes _____ No _____; Location: _____

Water tower Yes _____ No _____; Location: _____

Wastewater treatment plant Yes _____ No _____; Location: _____